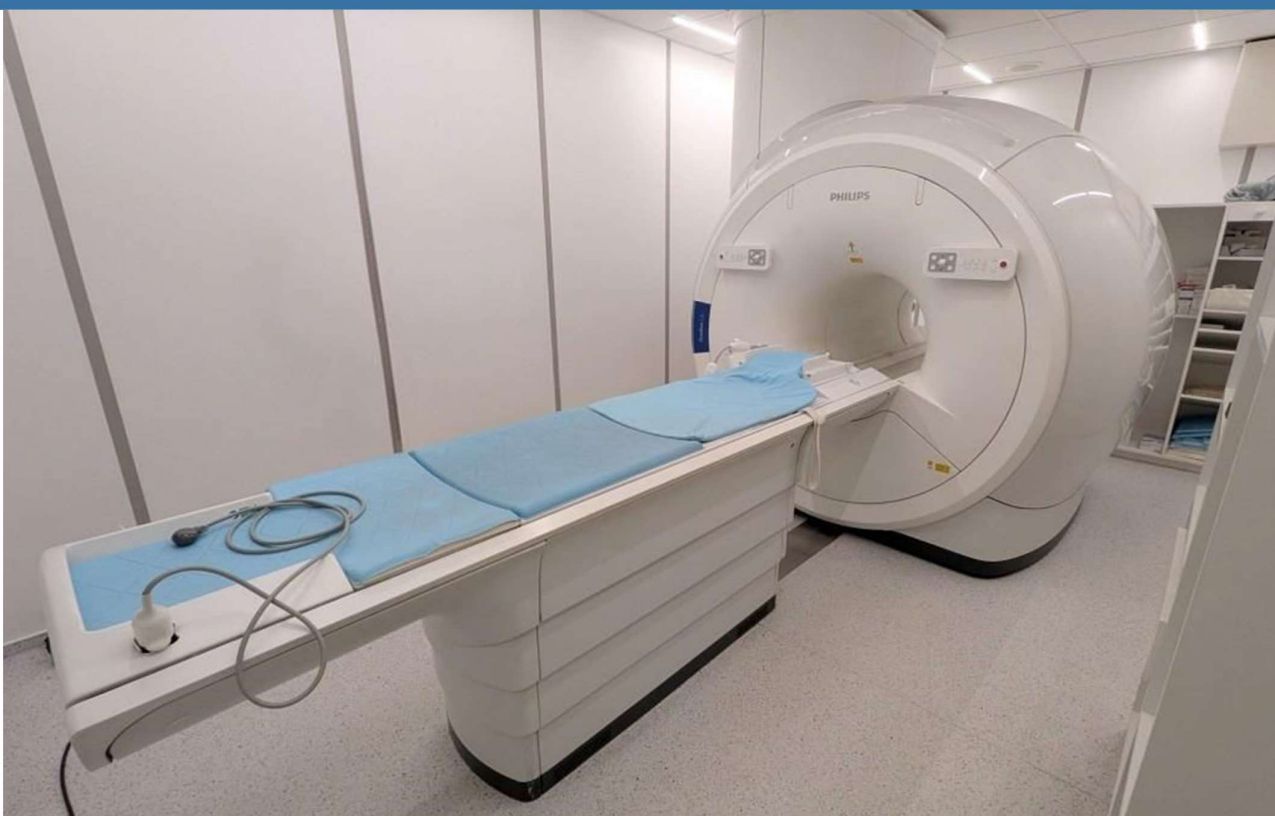




P&M Medical
Pre-Owned Medical Equipment

System Evaluation Philips Providea 1.5T

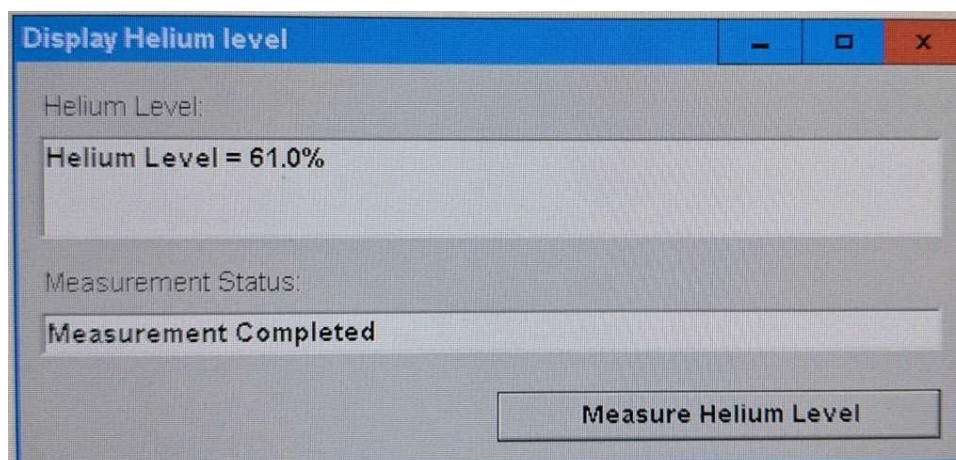


Performed by Stefan Hellwig on behalf of PM-Medical

The inspection was done on 6. July 2026 in Kaunas / Lithuania.

System Specifications

- Philips Prodiva CX 1.5T
- Application Software Release 5.7.1.6
- Stellar HP Gradients with GA03MVA Gradient Amplifiers
- 16 Receive Channels
- GEKO Magnet
- Sumitomo F-50HC Helium Compressor
- Helium Level: 61.0% (on day of inspection)
- System Serial Number: 83069
- Date of Manufacturing: 2018



Magnetic Resonance Equipment

Model: Prodiva 1.5T CX

SN 83069

CE 0123



Philips Healthcare (Suzhou) Co., Ltd.

No. 258, ZhongYuan Road, Suzhou Industrial Park, 215024 Suzhou,
Jiangsu Province, PEOPLE'S REPUBLIC OF CHINA

Factory:



Philips Medical Systems Nederland B.V.
Veenpluis 4-6, 5684PC Best, The Netherlands

Date 2018-06

Made In The Netherlands

4598 011 41071

Application Software

Release 5.7.1.6

Hardware Configuration

RF Amplifier Type	S35_64
MN RF Amplifier Type	NONE
B1 Field System	HIGH
Auxiliary Connector	NOT AVAILA...
Gradient Coil Type	Watercooled5
Gradient Switch Box Type	NONE
Gradient Amplifier Type	781
Gradient Interface Type	IGCIPCI
Bulk Board Type	CBH2
Frontend Interface	CFINT
1HiRFReceivers	NO
Magnet Cover Type	MultivaOmniva
Magnet Type	F2000_ZBO
Magnet RMMU Type	MEU
Magnet Display	NONE
B0 Homogeneity Booster Type	NONE
Magnet Serial Number	VA_150_0017

Shim System Type	Metal rail
High Order Shim Power Supply	NONE
Acquisition System	CDAS
Docking Unit Type	NOT AVAILA...
Patient Support System	MT
Patient Interface Type	wBTU
ECG Module	Fiber optic 4 I...
PPU Support	BASIC
Respiratory Option	BASIC
Headset	MIC
Music Routing	Headset and...
Number of 1H receive (RX) Channels	16
Number of MN receive (RX) Channels	0
Max MN Synergy Channels	0
Number of 1H transmit (TX) Channels	1
Miscellaneous Box	AIBo
Bluetooth	DISABLED

SLD Type	NONE
Table Top Extender Type	BASIC
Exam Room System Control Unit	SCU_3
RT Positioning System	NONE
Das Cabinet	DACC
Coolers Cabinet	LCC2B
Fan Type	Other
Audio Module	AM3 With E-S...
Power Supply Unit	NONE
Number of MN transmitters	0
Vital Eye	NOT AVAILA...
Body Phantom Type	400 MM

Status of the System

The status of the system is good, it looked well maintained, very clean and did only show typical signs of usage.

The system is scanning patients on a daily basis and there were no problems at all with the system during inspection. The image quality of the phantom scans I have done, was good.

Scratches on the magnet covers



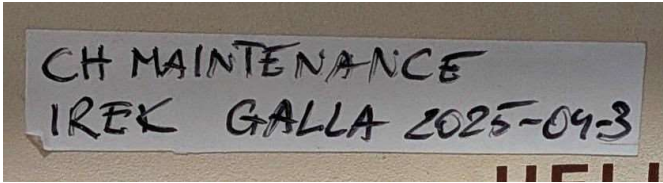
Scratches on the patient table





Magnet Refrigeration System

There was a sticker on the helium compressor indicating that the last cold head service has been done on 3. April 2025.



As the following excerpt from the magnet log shows, the helium boil off is 0% (calculated for the shown period of 12 month).

Date	Hr	LHe [%]
2025-07-06	03:06:06	60.6
2025-07-07	03:06:06	60.6
2025-07-08	03:06:08	60.6
2025-07-09	03:06:07	61.0
2025-07-10	03:06:09	60.6
2026-07-03	03:06:09	60.6
2026-07-04	03:06:08	61.0
2026-07-05	03:06:07	60.6
2026-07-06	03:06:06	61.0
2026-07-06	17:19:46	61.0

Enabled Software Options

System Reference Number:	83069
Lock type	20171
Optionswitch	Expiration Date
Basic SW	31-DEC-9999
SMART-Scan spine	31-DEC-9999
SMART-Scan brain	31-DEC-9999
SMART-Scan knee	31-DEC-9999
2D-VCG	31-DEC-9999
3D MSK VIEW	31-DEC-9999
Advanced EPI	31-DEC-9999
GraSE	31-DEC-9999
3D Brain VIEW	31-DEC-9999
High SENSE factors	31-DEC-9999
Extended FOV	31-DEC-9999
SMART-Scan shoulder	31-DEC-9999
Keyhole	31-DEC-9999
DWI	31-DEC-9999
Phase navigators	31-DEC-9999
TE>TR	31-DEC-9999
Thrive	31-DEC-9999
Q-flow	31-DEC-9999
Contrast enh perf.	31-DEC-9999
Moving bed ima.	31-DEC-9999

Adv. moving bed ima.	31-DEC-9999
Adv peripheral angio	31-DEC-9999
Whole body	31-DEC-9999
High end recon	31-DEC-9999
Black blood prepulse	31-DEC-9999
Body Resp navigators	31-DEC-9999
MSMP	31-DEC-9999
Multivane	31-DEC-9999
Cardiac triggered IR	31-DEC-9999
Retrospective	31-DEC-9999
Prosp. motion corr.	31-DEC-9999
T1 Perfusion	31-DEC-9999
SR-mid	31-DEC-9999
Diffusion calc.	31-DEC-9999
Perfusion calc.	31-DEC-9999
Q-flow analysis	31-DEC-9999
mDIXON	31-DEC-9999
SR-max	31-DEC-9999
Routine UI	31-DEC-9999
XML/REC data export	31-DEC-9999
MobiView	31-DEC-9999
Near metal VAT	31-DEC-9999
Comfortone	31-DEC-9999
AutoVoice	31-DEC-9999

Patient Condition UI	31-DEC-9999
Split Exam	31-DEC-9999
TSE Optimized Refocusing Control	31-DEC-9999
Contrast Cards	31-DEC-9999
Prodiva TSE HP	31-DEC-9999

System Components

Scan Room Components



Scan Room Components



Scan Room Components



Scan Room Components



Gradient Cabinet**GRADIENT AMPLIFIER**

Model: GA-0.3MVA

SN 000060

Input: 400V 3~ 50/60Hz, 53A

REF 9897 100 08801

 980Kg

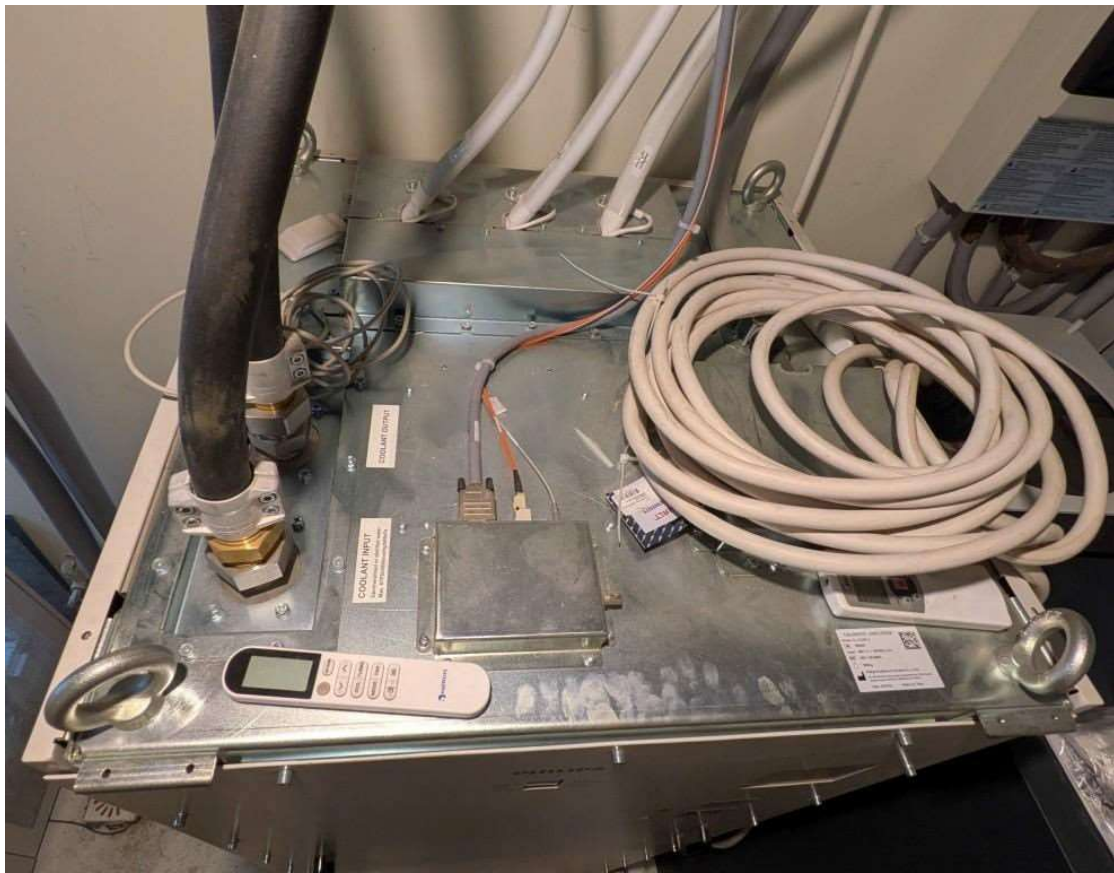
Philips Healthcare (Suzhou) Co., Ltd.

 No. 258, ZhongYuan Road, Suzhou Industrial Park, 215024 Suzhou,
Jiangsu Province, PEOPLE'S REPUBLIC OF CHINA

Date 2018-03

Made In China

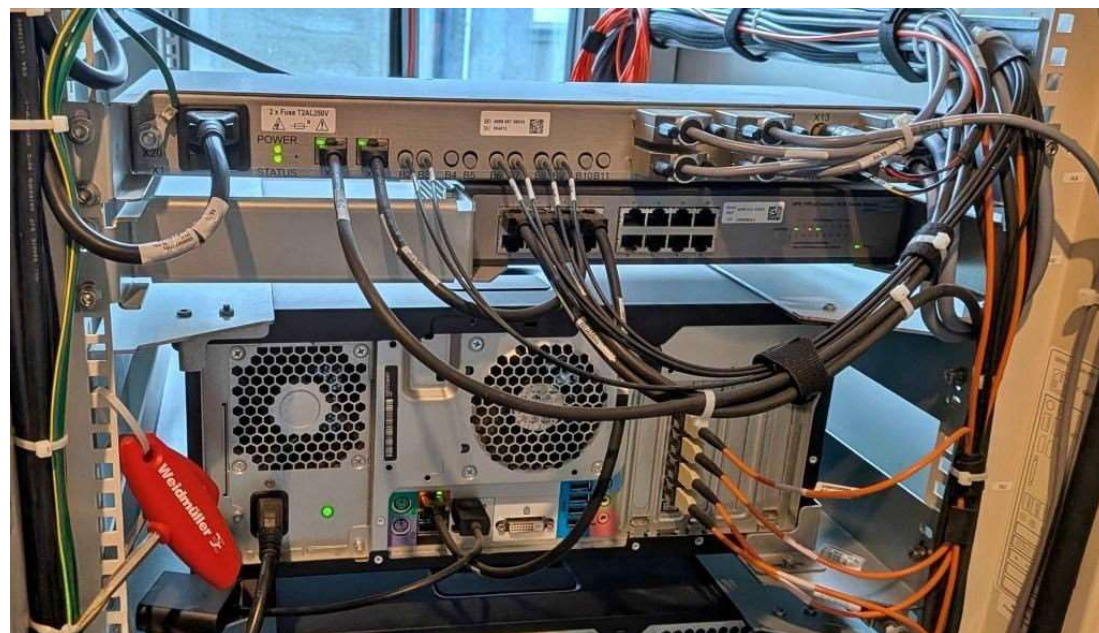
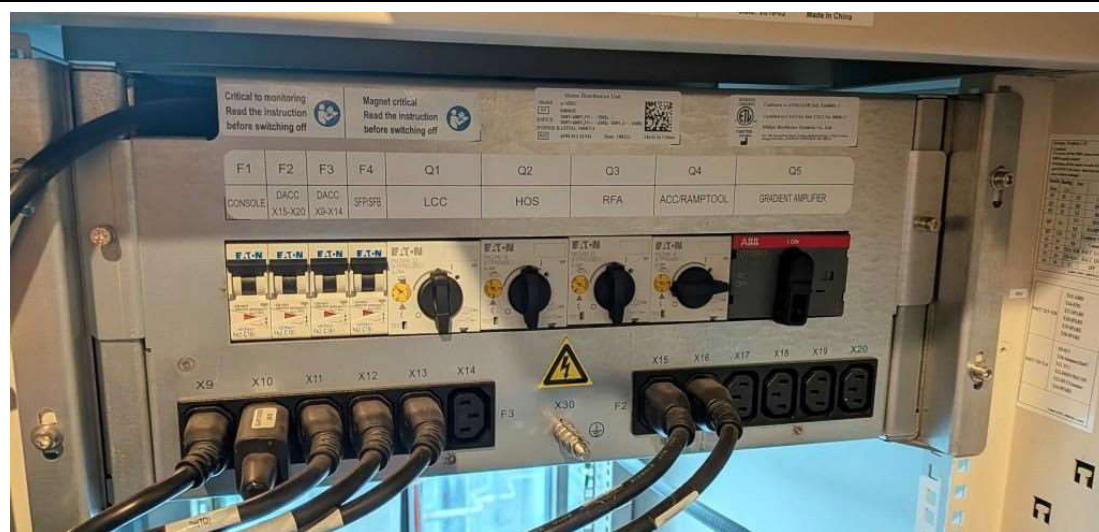


Gradient Cabinet

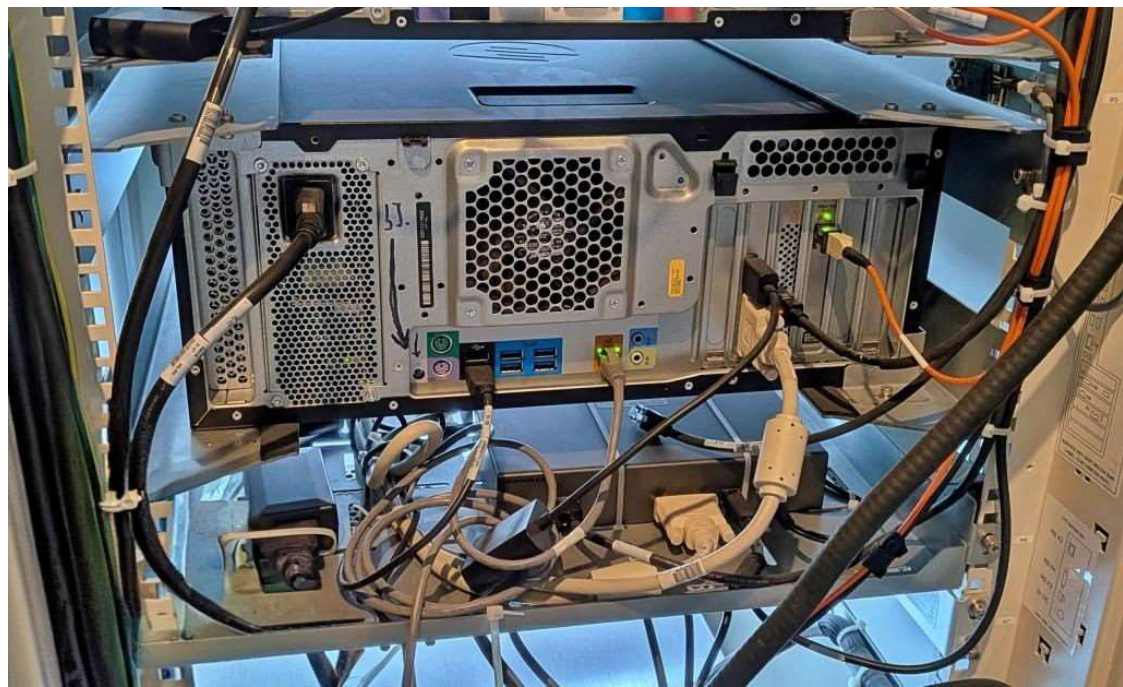
DAC Cabinet**DATA ACQUISITION CONTROL CABINET**

Model: DACC-W-D-U-SHR-1.5T

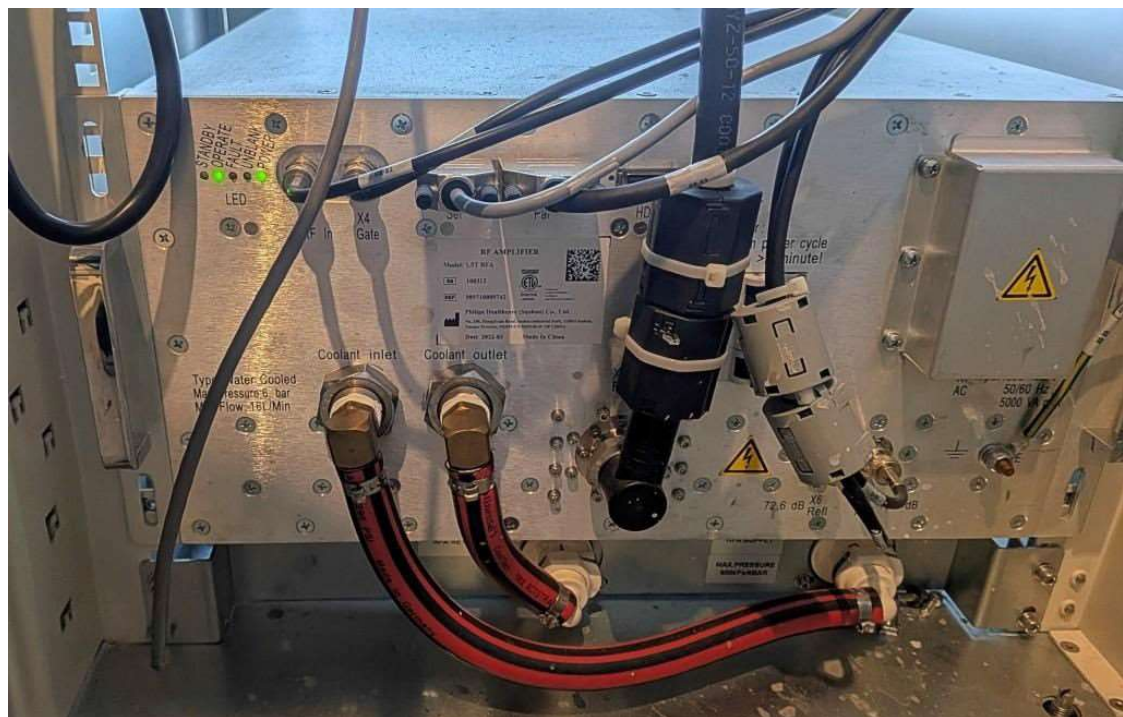
SN 000006**REF** 9897 100 09612

DAC Cabinet

Reconstructor, HP Z440

DAC Cabinet

MR Console Computer, HP Z440

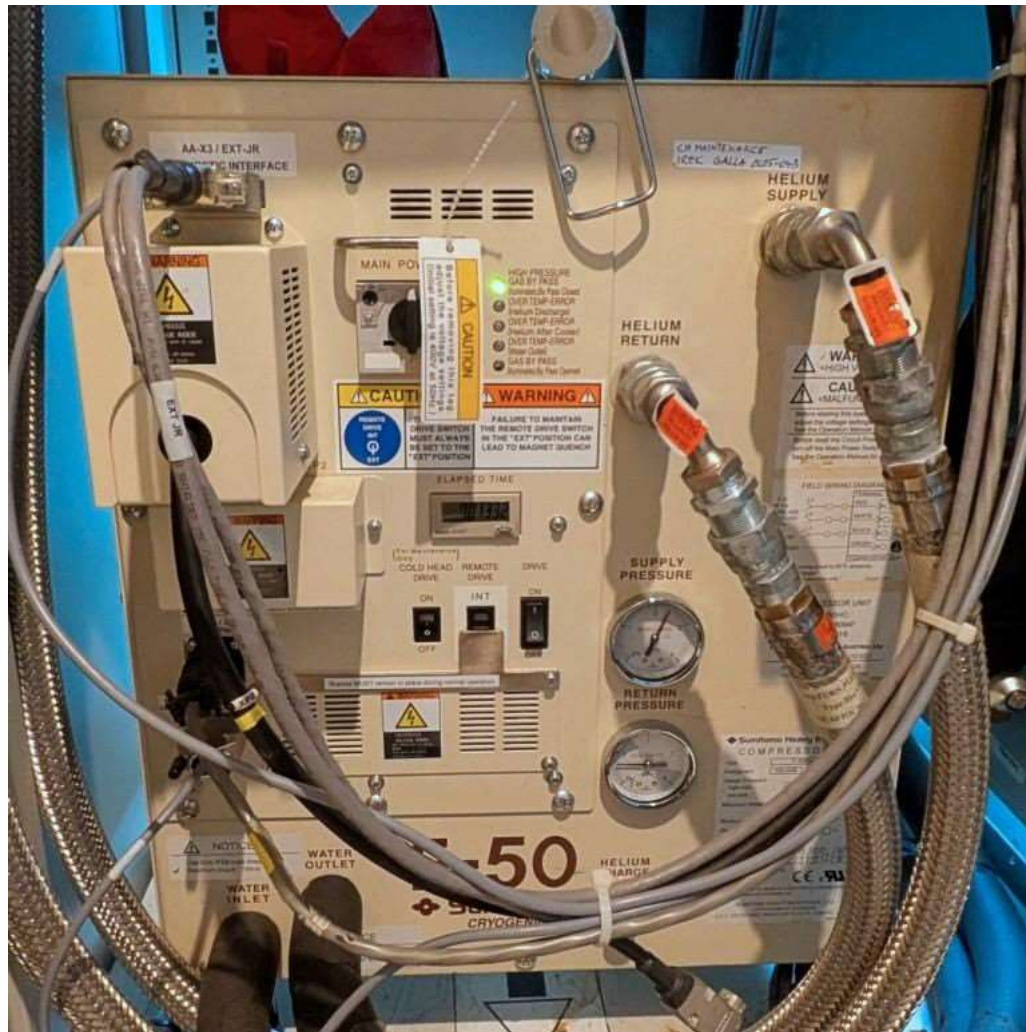


DAC Cabinet

LCC



LCC



He-Compressor
Sumitomo F-50HC
DOM: 01.2018
He-pressure: 23 bar
Run hrs: 70133.2



LCC



Console Parts



Accessories

Respiratory Cushion
Finger Pulse



Alarm Ball



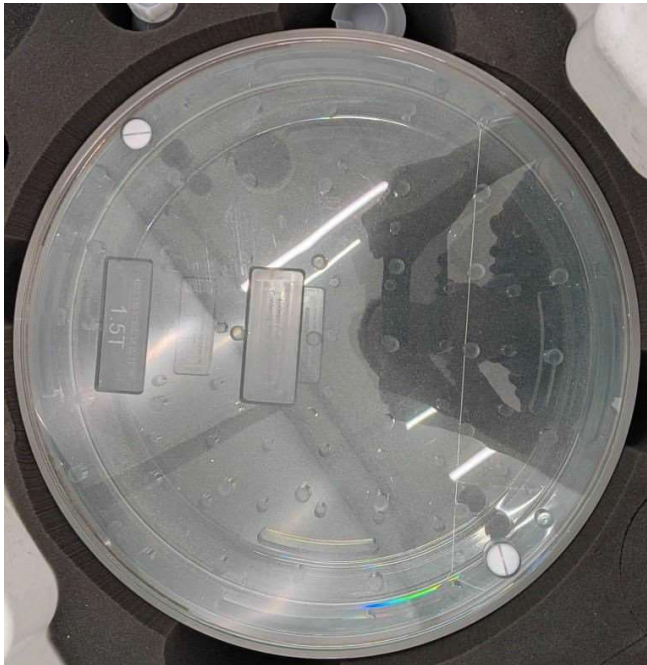
Software

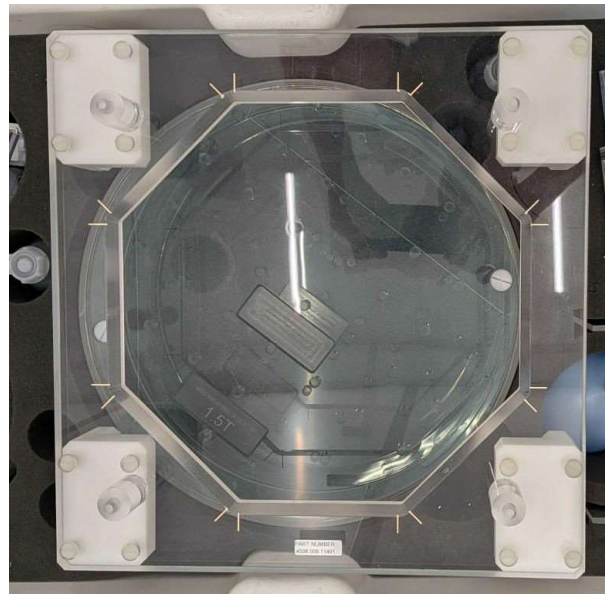
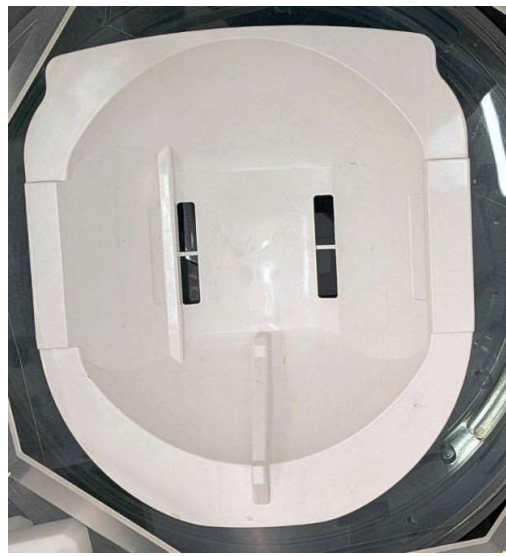
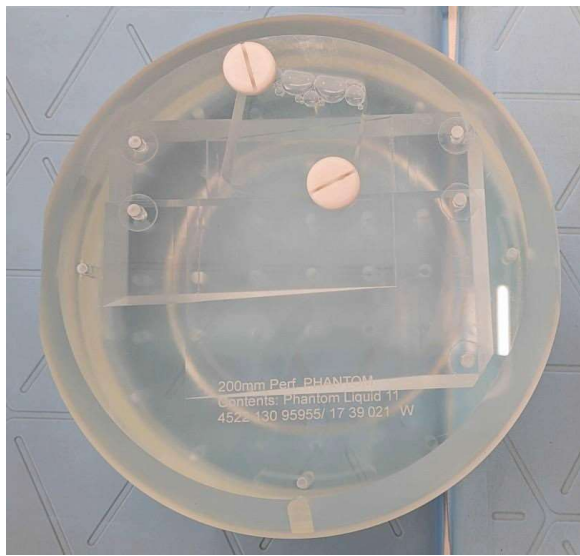
USB Application SW, R5.7.(L1)



Phantoms and Holders

- Phantom Bottle 5000cc, 1 piece
- Phantom Bottle 3000cc, 1 piece
- Phantom Bottle 2000cc, 1 piece
- Phantom Bottle 250cc, 1 piece
- ECC Phantom
- 200mm Perf. Phantom
- 4000mm Perf. Phantom



Phantoms and Holders

Coils

Coil	Part No	Serial No	DOM	QA
dS NVS Base	4598 007 18654	395	02.2020	
dS NVS Head	4598 012 31421	100222	04.2022	
dS NVS Spine	4598 012 25472	100102	08.2021	
dS TorsoCardiac	4598 008 04944	667	03.2021	
dS MSK Coil M	4598 007 66606	723	01.2021	
dS MSK Coil S	4598 007 66595	083	01.2018	
dS Flex Coil M	4598 007 66622	028	12.2016	
dS Interface	4598 008 00692	164	04.2018	n.a.
dS Interface	4598 008 00692	148	03.2018	n.a.

Coils - dS NVS Head Base

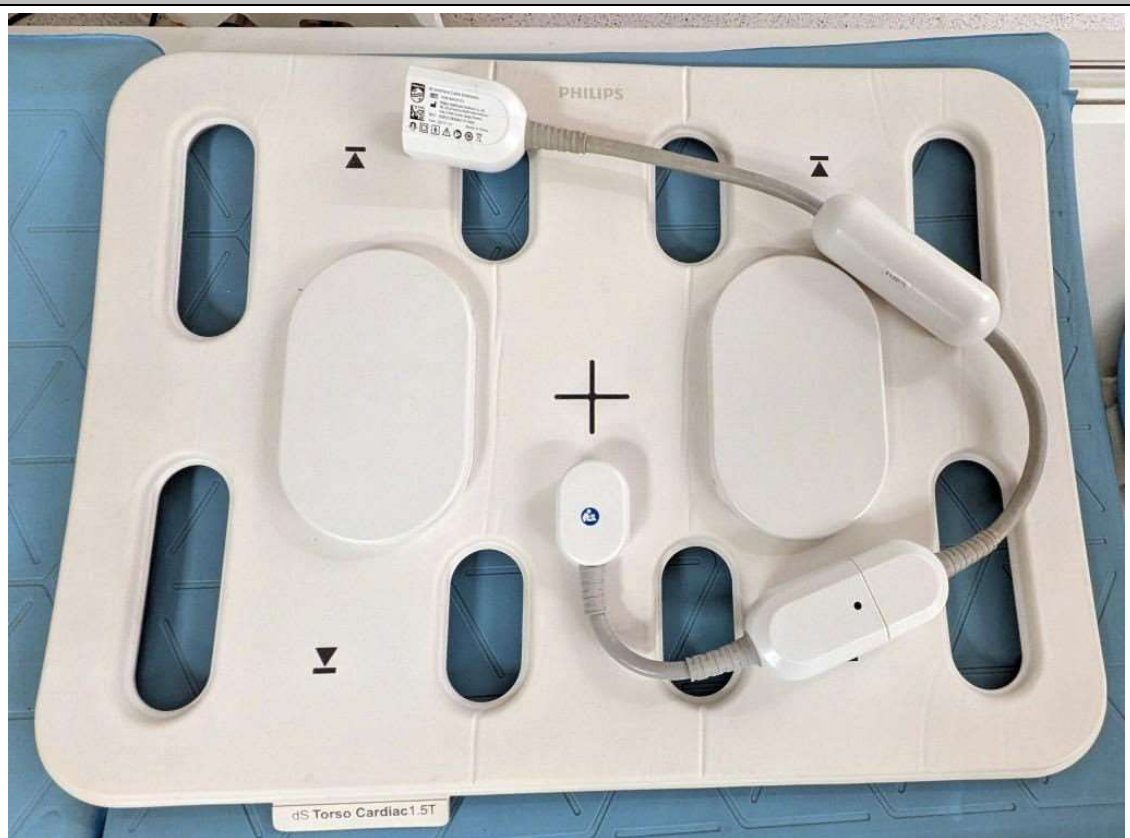
PHILIPS         

dS NVS Head Base Coil 1.5T
4598 007 18654 **SN** 000395 **CE** **MD**
0123
Philips Healthcare (Suzhou) Co., Ltd.
No. 258, ZhongYuan Road, Suzhou Industrial Park,
215024 Suzhou, Jiangsu Province,
PEOPLE'S REPUBLIC OF CHINA
www.philips.com/ifu

2020-02-18
EC REP Philips Medical Systems Nederland B.V.
Veenpluis 6, 5684 PC Best, The Netherlands

Coils - dS NVS Head Top

Coils – dS NVS Spine

Coils – dS TorsoCardiac

Coils – dS MSK Coil M



Coils – dS MSK Coil S



Coils – dSFlex Coil M

Coils – dS Interfaces



PHILIPS **dS Interface 1.5T**
REF 4598 008 00692 **SN** 000164
Philips Healthcare (Suzhou) Co., Ltd.
No. 258, ZhongYuan Road, Suzhou Industrial Park, 215024
Suzhou, Jiangsu Province, PEOPLE'S REPUBLIC OF CHINA
Date 2018-04 **Made In China**
IPX1       

PHILIPS **dS Interface 1.5T**
REF 4598 008 00692 **SN** 000148
Philips Healthcare (Suzhou) Co., Ltd.
No. 258, ZhongYuan Road, Suzhou Industrial Park, 215024
Suzhou, Jiangsu Province, PEOPLE'S REPUBLIC OF CHINA
Date 2018-03 **Made In China**
IPX1       

QA Check

To check the status and the functionality of the system, I did a PIQT with the dS NVS Head coil and phantom scans with all other coils.

PIQT dS NVS Head

Field Strength	T15		
Gradient Chain	Stellar HP	Gradient Amplifier	GA03MVA
Gradient Coil	SZKL	Gradient Switchbox	NONE
RF Chain	Standard iRF	RF Amplifier	WDH2_64
Magnet	GECKO		

Flood Field Uniformity

Patient	PIQT		PIQT
Scan_Name	QA1NS:MS,SE		QA2NS:MS,FE
Scan_Date	06-07-2026		06-07-2026
Scan_Time	18:45		18:49
Bw/Pixel	217.98		217.01
Trans_Q	135		135
Drive	0.87		0.87
RF_Factor	0.98		0.98
Rec_Q	135		135
Req_Att	20		20
Central_freq	63882058		63882059
Coil_type	irf		irf
Actual_12nc	459801231421		459801231421
Original_serial_nr	100222		100222
Scan_Seq	SE	SE	FFE
Off_cen_dist	-4.1	-4.1	-4.1
Image_Type	M	M	M
Slice_No	3	3	2
Echo_No	1	2	1
Dyn_Scan_No	1	1	1
Dist_sel	-4.1	-4.1	-4.1
Echo_Time	30	100	15
SNR_Factor	3.51	2.62	2.41
Nema S/N (B)	130.29 C > 94	95.02 C > 70	87.88 C > 65
Nema_Int_Unif	3.92	6.84	2.28
Nema_Art_Level	2.72	4.99	1.54
Meas_Ok	OK	OK	OK
Verify_Ok	OK	OK	OK

Spatial Linearity

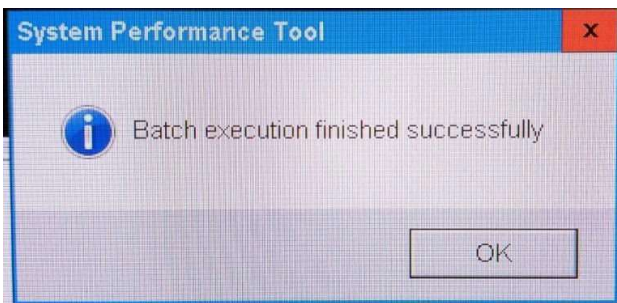
Patient	PIQT
Scan_Name	QA1NS:MS,SE
Scan_Date	06-07-2026
Scan_Time	18:45
Bw/Pixel	217.98
Trans_Q	135
Drive	0.87
RF_Factor	0.98
Rec_Q	135
Req_Att	20
Central_freq	63882058
Coil_type	irf
Actual_12nc	459801231421
Original_serial_nr	100222
Scan_Seq	SE
Off_cen_dist	-26.6
Image_Type	M
Slice_No	2
Echo_No	1
Dyn_Scan_No	1
Dist_sel	-26.6
Echo_Time	30
SNR_Factor	3.51
Meas_Ok	OK
Verify_Ok	-
diff_lin_(2-44)	0.12
diff_lin_(3-43)	0.08
diff_lin_(4-42)	0.14
diff_lin_(7-39)	-0.01
diff_lin_(11-35)	0.18
diff_lin_(13-33)	-0.1
diff_lin_(19-27)	-0.02
diff_lin_(20-26)	-0.05
nema_perc_dif.	0.18

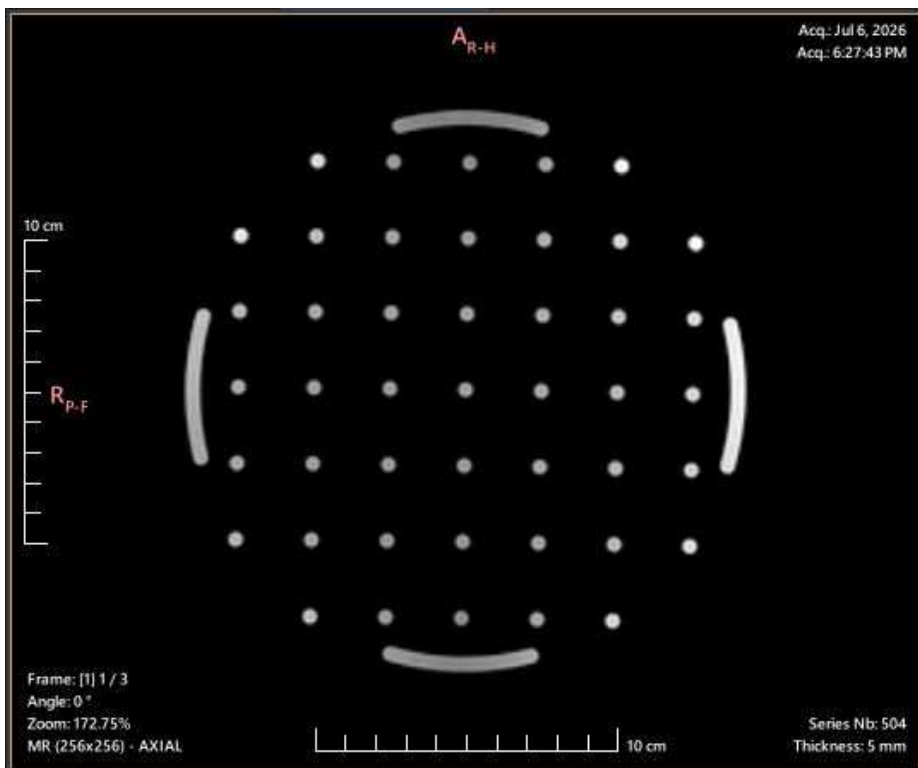
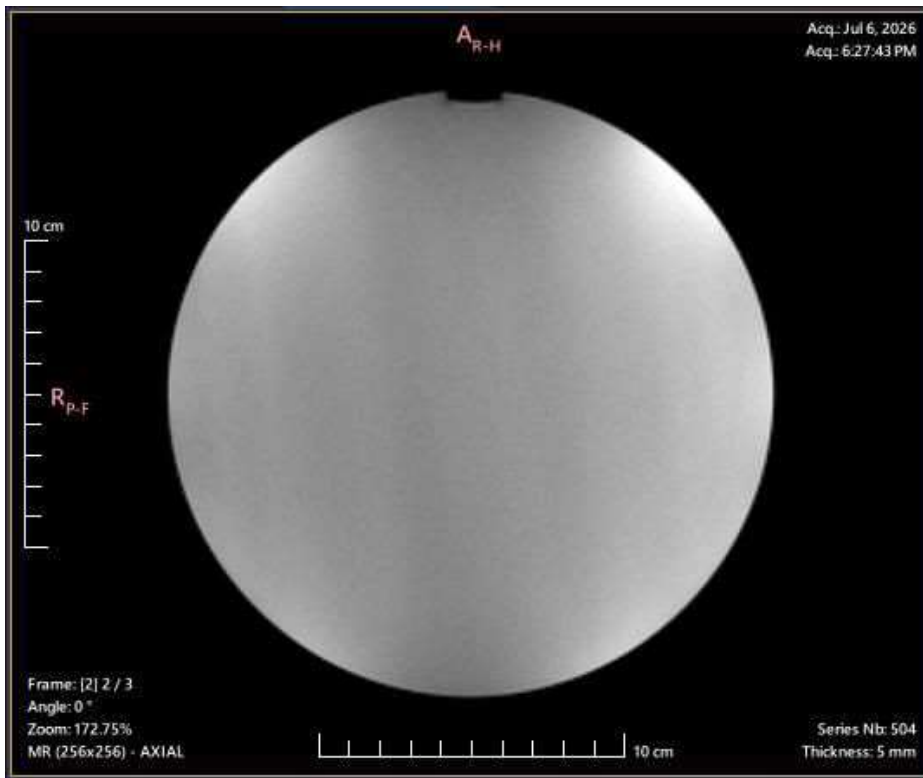
Slice Profile

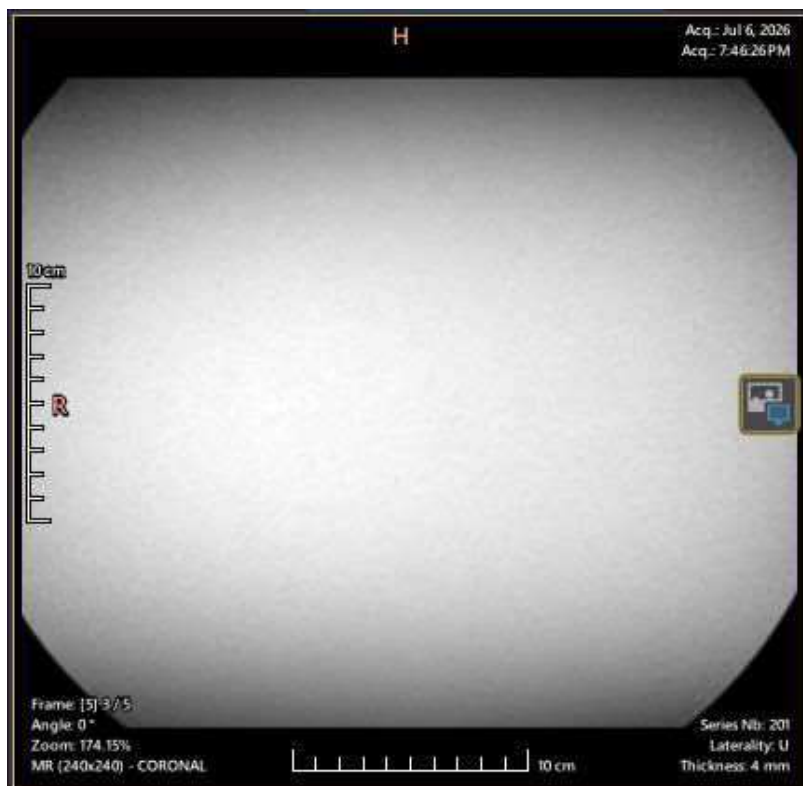
Patient	PIQT		PIQT
Scan_Name	QA1NS:MS,SE		QA2NS:MS,FE
Scan_Date	06-07-2026		06-07-2026
Scan_Time	18:45		18:49
Bw/Pixel	217.98		217.01
Trans_Q	135		135
Drive	0.87		0.87
RF_Factor	0.98		0.98
Rec_Q	135		135
Req_Att	20		20
Central_freq	63882058		63882059
Coil_type	irf		irf
Actual_12nc	459801231421		459801231421
Original_serial_nr	100222		100222
Scan_Seq	SE	SE	FFE
Off_cen_dist	18.4	18.4	18.4
Image_Type	M	M	M
Slice_No	4	4	3
Echo_No	1	2	1
Dyn_Scan_No	1	1	1
Dist_sel	18.4	18.4	18.4
Echo_Time	30	100	15
SNR_Factor	3.51	2.62	2.41
Meas_Ok	OK	OK	OK
Verify_Ok	OK	-	OK
Nema_Phantom	RAMP	RAMP	RAMP
Nema_Prof_Type	MODULUS	MODULUS	MODULUS
Nema_Phant_Rot.	0	0	0
Nema_Angle	11.06	11.4	11.18
Nema_Pos_shift	0.07	0.27	0.03
Nema_FWHM	4.84 C4.5 - 5.5	4.59	5.24 C4.5 - 5.5
Nema_FWTM	12.49	13.53	7.88
Nema_Slice_int.	5.16	5.2	5.43

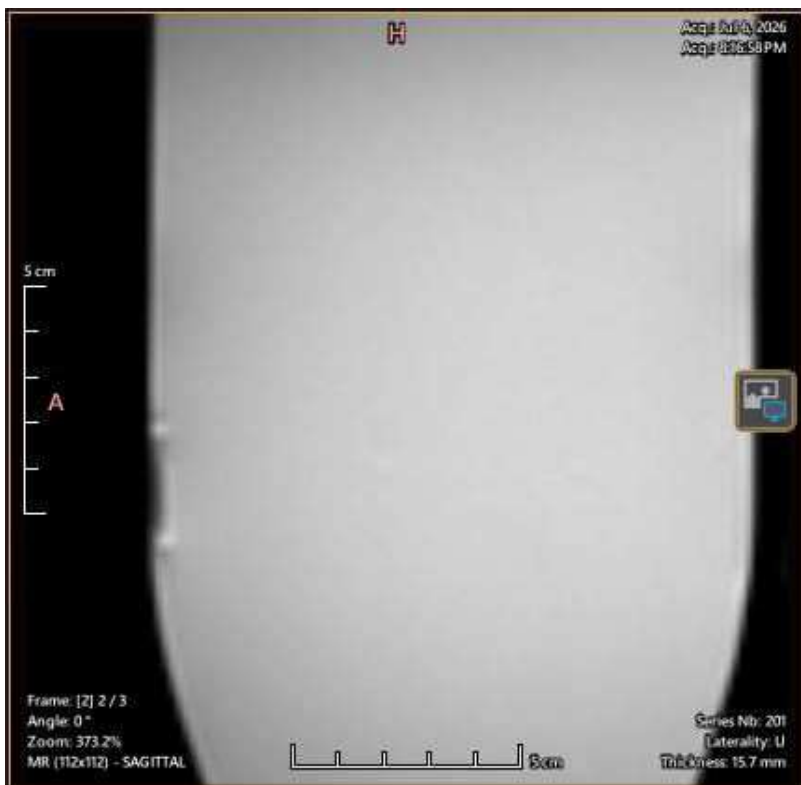
Spatial Resolution

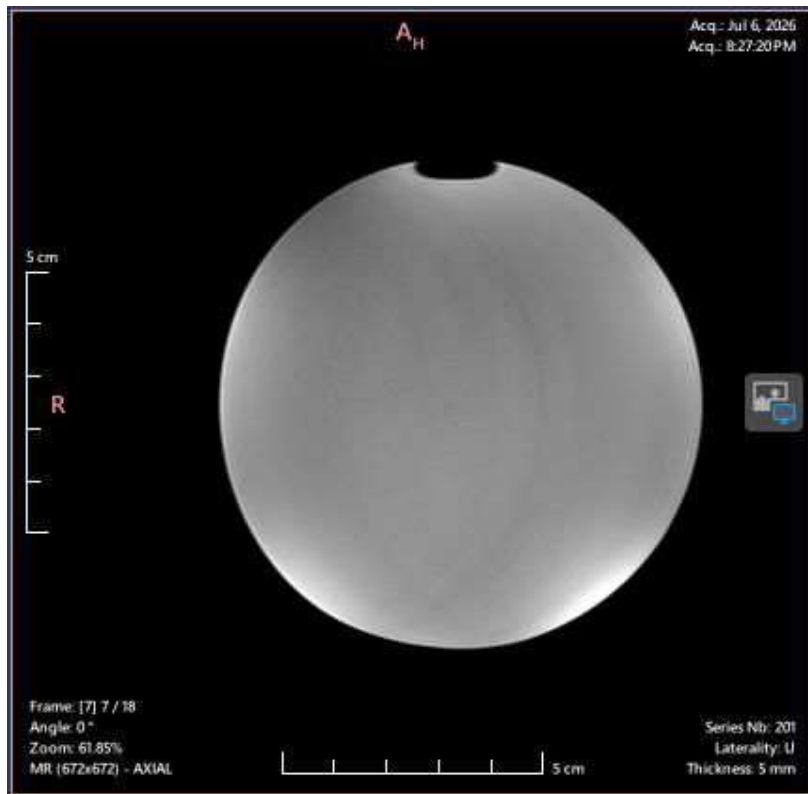
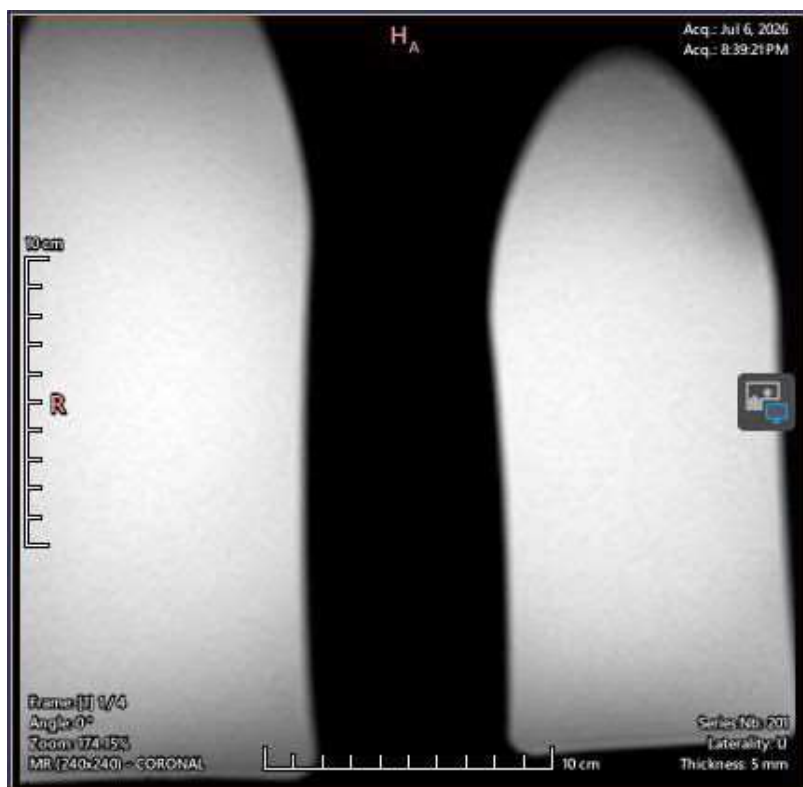
Patient	PIQT		
Scan_Name	QA1NS:MS,SE		
Scan_Date	06-07-2026		
Scan_Time	18:45		
Bw/Pixel	217.98		
Trans_Q	135		
Drive	0.87		
RF_Factor	0.98		
Rec_Q	135		
Req_Att	20		
Central_freq	63882058		
Coil_type	irf		
Actual_12nc	459801231421		
Original_serial_nr	100222		
Scan_Seq	SE		SE
Off_cen_dist	40.9		40.9
Image_Type	M		M
Slice_No	5		5
Echo_No	1		2
Dyn_Scan_No	1		1
Dist_sel	40.9		40.9
Echo_Time	30		100
SNR_Factor	3.51		2.62
Meas_Ok	OK		OK
Verify_Ok	OK		-
Nema_Hor_pxl_size	1.04	C < 1.3	1.08
Nema_Ver_pxl_size	1.16	C < 1.5	1.22

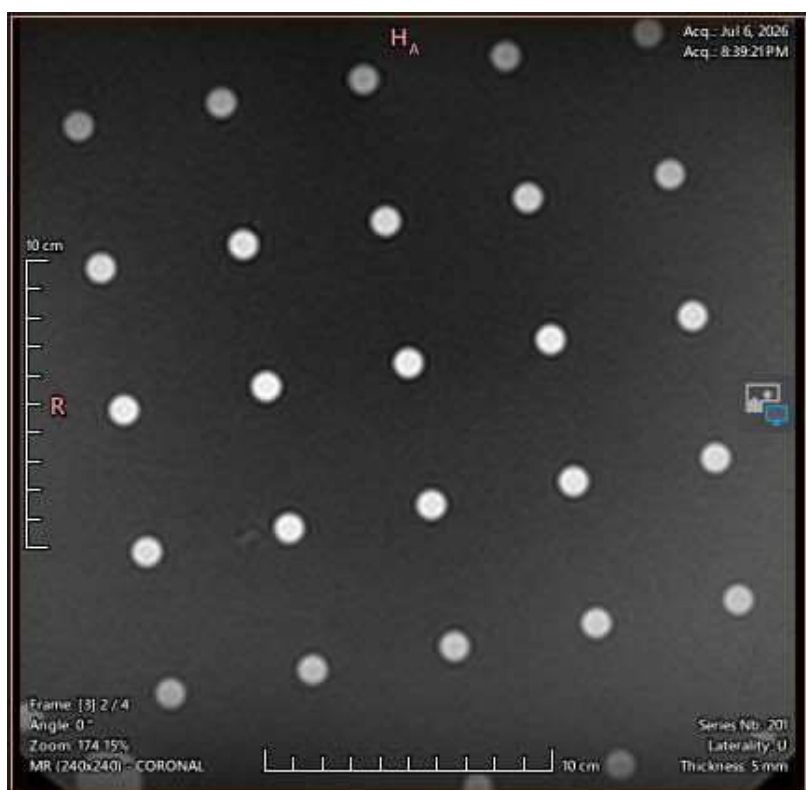


dS Head (PIQT)

dS Spine - Lumbar**dS Spine - Cervical**

dS TorsoCardiac**dS MSK Coil M**

dS MSK Coil S**dS Flex Coil M**



Some Patient Images



